

**PHOTOSENSITIVE COMPOSITION**

**Patent number:** JP2096755  
**Publication date:** 1990-04-09  
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KOBAYASHI YOSHIKO  
**Applicant:** KONISHIROKU PHOTO IND.; MITSUBISHI CHEM IND  
**Classification:**  
- **international:** G03F7/004; G03F7/023  
- **europaen:**  
**Application number:** JP19880249398 19881003  
**Priority number(s):** JP19880249398 19881003

**Abstract of JP2096755**

**PURPOSE:** To obtain a photosensitive compsn. having superior capacity for forming visible picture by exposure, as well as superior under developability and high sensitivity by constituting the compsn. of 1,2-naphthoquinone-2-diazide-4- sulfonic ester compd. an alkali soluble resin, a halomethyl oxadiazole compd., as a discoloring agent. **CONSTITUTION:** The title compsn. contains 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd., the alkali-soluble resin, the halomethyl oxadiazole compd. which generates free halogen radicals by irradiating with active light rays, and a discoloring agent which changes its tone by the interaction with a photolysis of the halomethyl oxadiazole compd. Suitable alkali-soluble resin is particularly novolak resin and vinyl polymer having structure units having phenolic OH groups in the molecule. A photosensitive planographic printing plate having superior capacity for forming visible picture by exposure, superior under developability, as well as high sensitivity, is obtd. from the above-described compsn.

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Country: JP Japan

Kind: A

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CONSTITUTION: The title compsn. contains 1,2-naphthoquinone-2-diazide-4-sulfonic ester compd., the alkali-soluble resin, the halomethyl oxadiazole compd. which generates free halogen radicals by irradiating with active light rays, and a discoloring agent which changes its tone by the interaction with a photolysis of the halomethyl oxadiazole compd. Suitable alkali-soluble resin is particularly novolak resin and vinyl polymer having structure units having phenolic OH groups in the molecule. A photosensitive planographic printing plate having superior capacity for forming visible picture by exposure, superior under developability, as well as high sensitivity, is obtd. from the above-described compsn.

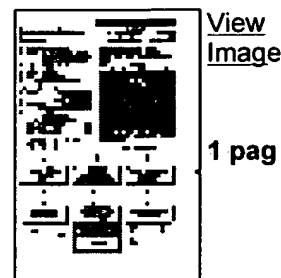
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
INPADOC Legal Status: None [Get Now: Family Legal Status Report](#)

Designated Country: DE FR GB

Family:

PDF	Publication	Pub. Date	Filed	Title



	<a href="#">US5219700</a>	1993-06-15	1992-03-24	Photosensitive composition containing 1,2-naphthoquinone-2-diazido-4-sulfonic acid ester, alkali-soluble resin, halomethyloxadiazole compound and a dye
	<a href="#">JP02096759A2</a>	1990-04-09	1988-10-04	PHOTOSENSITIVE PLANOGRAPHIC PRINTING PLATE
	<a href="#">JP02096755A2</a>	1990-04-09	1988-10-03	PHOTOSENSITIVE COMPOSITION
	<a href="#">EP0362778B1</a>	1999-01-13	1989-10-02	Photosensitive composition
	<a href="#">EP0362778A3</a>	1991-06-12	1989-10-02	Photosensitive composition
	<a href="#">EP0362778A2</a>	1990-04-11	1989-10-02	Photosensitive composition
	<a href="#">DE68928903C0</a>	1999-02-25	1989-10-02	LICHTEMPFLINDLICHE ZUSAMMENSETZUNG
	<a href="#">CA2000111AA</a>	1990-04-03	1989-10-03	PHOTOSENSITIVE COMPOSITION
8 family members shown above				

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